

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A method comprising:

establishing at least one service information table configured to enable an end user terminal to obtain transport streams transmitted over a digital broadcast network;

splitting, by a processor, the at least one service information table into sub-tables, wherein each sub-table identifies a certain transport stream, and wherein said certain transport stream comprises a local transport stream of a certain cell; and

establishing a mother table configured to maintain a sub-table of the certain transport stream and sub-tables of adjacent transport streams of the certain transport stream, wherein the mother table has an upper level hierarchy in comparison with the sub-tables, and wherein said adjacent transport streams comprise transport streams of at least one neighboring cell of said certain cell.

2. (Original) A method according to claim 1, wherein the sub-table comprises a for loop of the at least one service information table.

3. (Original) A method according to claim 2, wherein the for loop comprises a section of the at least one service information table.

4. (Original) A method according to claim 2, wherein the for loop comprises a cycle of for loops of the at least one service information table.

5. (Original) A method according to claim 2, wherein the for loop comprises a transport stream identifier for uniquely identifying the certain transport stream of the sub-table.

6. (Original) A method according to claim 1, wherein at least one headend equipment for a cell of the digital broadcast network performs the step of splitting.

7. (Original) A method according to claim 6, wherein an operator runs the at least one headend.

8. (Original) A method according to claim 1, wherein at least one the service information table comprises a Bouquet Association Table.

9. (Original) A method according to claim 1, further comprising building a local table based on the sub-table of the certain transport stream.

10. (Original) A method according to claim 1, wherein the mother table identifies an amount of the sub-tables.

11. (Original) A method according to claim 1, wherein the mother table identifies an updating of the sub-table.

12. (Original) A method according to claim 1, further comprising the step of updating the adjacent transport streams periodically about the sub-table.

13. (Original) A method according to claim 1, further comprising the step of re-transmitting the sub-table to the adjacent transport streams.

14. (Original) A method according to claim 13, wherein the step of re-transmitting comprises individual re-transmitting.

15. (Original) A method according to claim 13, wherein the step of re-transmitting comprises periodic re-transmitting.

16. (Original) A method according to claim 13, wherein the sub-table is adapted to be retransmitted without any further modification of the sub-table.

17. (Original) A method according to claim 1, further comprising the step of performing a handover function for the transport streams when a mobile end user terminal is moving from a cell of the certain transport stream to any adjacent transport stream.

18. (Original) A method according to claim 1, further comprising the step of performing a roaming function for the transport streams when a mobile end user terminal is moving from a cell of the certain transport stream to any adjacent transport stream.

19. (Original) A method according to claim 1, wherein the certain transport stream comprises a local transport stream of a cell of the digital broadcast network.

20. (Original) A method according to claim 1, wherein the transport streams comprise MPEG transport streams.

21. (Original) A method according to claim 1, wherein the transport stream comprises transmission according to Digital Video Broadcasting.

22. (Original) A method according to claim 1, wherein the transport stream comprises a terrestrial digital video broadcasting (DVB-T).

23. (Original) A method according to claim 1, wherein the transport stream comprises multicast.

24. (Original) A method according to claim 1, wherein the transport stream comprises unicast.

25-27. (Cancelled)

28. (Currently Amended) A method comprising:

receiving a broadcast transmission; and

discovering a mother table from the broadcast transmission, the mother table announcing a set of sub-tables, each sub-table identifying a local transport stream of a certain cell, wherein the mother table has an upper level hierarchy in comparison with the sub-tables, wherein the transport streams indicated in the mother table comprise adjacent transport streams to each other so that said adjacent transport streams comprise transport streams of at least one neighboring cell of said certain cell.

29. (Currently Amended) An apparatus comprising:

a processor; and

a memory storing executable instructions, the memory and the executable instructions, together with the processor, cause the apparatus to at least:

~~means for receiving~~receive a broadcast transmission and ~~means for discovering~~discover a mother table from the broadcast transmission, the mother table announcing a set of sub-tables each sub-table identifying a local transport stream of a certain cell, wherein the mother table has an upper level hierarchy in comparison with the sub-tables, wherein the transport streams indicated in the mother table comprise adjacent transport streams to each other so that said adjacent transport streams comprise transport streams of at least one neighboring cell of said certain cell.

30. (Currently Amended) The apparatus according to claim 29, ~~further comprising means for interaction~~ wherein the executable instructions, when executed, cause the apparatus to interact with a service provider providing the transport stream.

31. (Previously Presented) The apparatus according to claim 29, further comprising a wireless receiver for receiving the transport stream.

32. (Previously Presented) The apparatus according to claim 29, wherein the apparatus is a broadcast cellular mobile end user terminal.

33-39. (Cancelled)

40. (Currently Amended) An apparatus comprising:

at least one headend configured to establish at least one service information table for enabling an end user terminal to obtain transport streams, the at least one headend further configured to split the at least one service information table into sub-tables and to establish a mother table, wherein each sub-table identifies a transport stream of a certain headend, wherein the mother table has an upper level hierarchy in comparison with the sub-tables, ~~and~~ wherein said transport stream comprises a local transport stream of a certain cell, ~~and~~ wherein the mother table identifies the transport stream of the certain headend and transport streams of adjacent headends to the certain headend, and wherein the transport streams of the adjacent headends comprise transport streams of neighboring cells of said certain cell.

41. (Currently Amended) A ~~computer-readable medium having~~ memory storing computer-executable instructions that, when executed, cause a computer to at least perform a method comprising:

establishing at least one service information table configured to enable an end user terminal to obtain transport streams configured to be transmitted by a digital broadcast network;

splitting the at least one service information table into sub-tables, wherein each sub-table identifies a certain transport stream, and wherein said certain transport stream comprises a local transport stream of a certain cell; and

establishing a mother table configured to maintain a sub-table of the certain transport stream and sub-tables of adjacent transport streams of the certain transport stream, wherein the mother table has an upper level hierarchy in comparison with the sub-tables, and wherein said adjacent transport streams comprise transport streams of at least one neighboring cell of said certain cell.

42. (Currently Amended) The ~~computer-readable medium~~ memory of claim 41, wherein the computer-executable instructions, when executed, cause the computer to build a local table based on the sub-table of the certain transport stream.

43. (Currently Amended) The ~~computer-readable medium~~ memory of claim 41, wherein the computer-executable instructions, when executed, cause the computer to perform a handover function for the transport streams when a mobile end user terminal is moving from a cell of the certain transport stream to any adjacent transport stream.

44. (Currently Amended) The ~~computer-readable medium~~ memory of claim 41, wherein the computer-executable instructions, when executed, cause the computer to perform a roaming function for the transport streams when a mobile end user terminal is moving from a cell of the certain transport stream to any adjacent transport stream.

45. (New) A memory storing computer-executable instructions that, when executed, cause a computer to at least perform:

receiving a broadcast transmission; and

discovering a mother table from the broadcast transmission, the mother table announcing a set of sub-tables, each sub-table identifying a local transport stream of a certain cell, wherein the mother table has an upper level hierarchy in comparison with the sub-tables, wherein the transport streams indicated in the mother table comprise adjacent transport streams to each other so that said adjacent transport streams comprise transport streams of at least one neighboring cell of said certain cell.

46. (New) The memory of claim 45, wherein at least one of the sub-tables are adapted to be retransmitted without any further modification.